

Figure S1. The percentages of 22 specific immune cells in each ovarian cancer sample.

TMB and immune infiltration in ovarian cancer

	T cells CD8	T cells regulatory (Tregs)	NK cells activated	Mast cells resting	T cells CD4 memory resting	Dendritic cells resting	T cells CD4 memory activated	B cells memory	T cells gamma delta	Macrophages M1	NK cells resting	Macrophages M0	Monocytes	Macrophages M2	Mast cells activated	Neutrophils	B cells naive	Plasma cells	Eosinophils	T cells follicular helper	Dendritic cells activated		
T cells CD8	1	0.48	0.2	0.09	-0.17	-0.13	0.46	-0.01	0	0.21	-0.19	-0.5	-0.03	-0.08	-0.27	-0.2	0.06	0.06	-0.11	0.1	-0.3	. 1	
T cells regulatory (Tregs)	0.48	1	0.17	0.17	-0.13	0.04	0.05	-0.14	-0.17	0.06	-0.1	-0.07	-0.12	-0.06	-0.16	-0.24	0.02	-0.11	-0.17	-0.2	-0.39		
NK cells activated	0.2	0.17	1	0.31	-0.11	0.09	-0.09	0.07	0	-0.06	-0.29	-0.25	0.05	-0.13	-0.13	-0.12	0	-0.13	-0.02	0.08	0.06	- 0.8	
Mast cells resting	0.09	0.17	0.31	1	-0.12	-0.02	0.05	-0.12	-0.05	0.07	-0.03	-0.2	-0.06	0.01	-0.32	-0.08	0	-0.02	-0.03	0.01	0.03		
T cells CD4 memory resting	-0.17	-0.13	-0.11	-0.12	1	0.04	-0.13	0	0	0.05	0.11	-0.24	0.02	-0.19	-0.12	-0.13	0.01	-0.07	-0.03	0.23	0.06	- 0.6	
Dendritic cells resting	-0.13	0.04	0.09	-0.02	0.04	1	-0.04	-0.07	-0.03	-0.09	-0.08	0.15	-0.07	0.07	0.02	0.03	-0.15	-0.15	-0.06	-0.16	-0.19		
T cells CD4 memory activated	0.46	0.05	-0.09	0.05	-0.13	-0.04	1	0	0.18	0.17	0.06	-0.27	0.06	-0.05	-0.18	-0.03	-0.04	0.01	-0.07	-0.11	-0.14	- 0.4	
B cells memory	-0.01	-0.14	0.07	-0.12	0	-0.07	0	1	0.18	0.17	0.03	-0.06	-0.12	-0.01	0.1	-0.02	-0.42	-0.15	-0.02	0.07	0.11		
T cells gamma delta	0	-0.17	o	-0.05	0	-0.03	0.18	0.18	1	0.21	-0.1	-0.06	-0.12	-0.12	-0.02	0.06	-0.13	0.07	0.21	0.15	0	- 0.2	
Macrophages M1	0.21	0.06	-0.06	0.07	0.05	-0.09	0.17	0.17	0.21	1	0	-0.28	-0.11	-0.1	-0.11	0.07	-0.21	-0.12	0.12	0.23	-0.13		
NK cells resting	-0.19	-0.1	-0.29	-0.03	0.11	-0.08	0.06	0.03	-0.1	0	1	0.18	-0.03	0.03	-0.06	-0.05	-0.14	-0.17	-0.02	-0.14	0.03	- 0	
Macrophages M0	-0.5	-0.07	-0.25	-0.2	-0.24	0.15	-0.27	-0.06	-0.06	-0.28	0.18	1	-0.37	-0.11	0.22	0.02	-0.19	-0.16	-0.05	-0.42	-0.19		
Monocytes	-0.03	-0.12	0.05	-0.06	0.02	-0.07	0.06	-0.12	-0.12	-0.11	-0.03	-0.37	1	0.33	0.01	-0.01	-0.02	-0.1	0.09	-0.01	0.08	0.2	
Macrophages M2	-0.08	-0.06	-0.13	0.01	-0.19	0.07	-0.05	-0.01	-0.12	-0.1	0.03	-0.11	0.33	1	0.04	0.21	-0.28	-0.17	0.06	-0.31	-0.26		
Mast cells activated	-0.27	-0.16	-0.13	-0.32	-0.12	0.02	-0.18	0.1	-0.02	-0.11	-0.06	0.22	0.01	0.04	1	0.33	-0.12	-0.13	0.14	-0.09	0.03	0.4	
Neutrophils	-0.2	-0.24	-0.12	-0.08	-0.13	0.03	-0.03	-0.02	0.06	0.07	-0.05	0.02	-0.01	0.21	0.33	1	-0.04	-0.05	0.04	-0.07	0.05		
B cells naive	0.06	0.02	0	0	0.01	-0.15	-0.04	-0.42	-0.13	-0.21	-0.14	-0.19	-0.02	-0.28	-0.12	-0.04	1	0.37	-0.06	0.06	0.11	0.6	
Plasma cells	0.06	-0.11	-0.13	-0.02	-0.07	-0.15	0.01	-0.15	0.07	-0.12	-0.17	-0.16	-0.1	-0.17	-0.13	-0.05	0.37	1	-0.06	0.15	-0.03	0.0	
Eosinophils	-0.11	-0.17	-0.02	-0.03	-0.03	-0.06	-0.07	-0.02	0.21	0.12	-0.02	-0.05	0.09	0.06	0.14	0.04	-0.06	-0.06	1	0.16	0.07	0.0	
T cells follicular helper	0.1	-0.2	0.08	0.01	0.23	-0.16	-0.11	0.07	0.15	0.23	-0.14	-0.42	-0.01	-0.31	-0.09	-0.07	0.06	0.15	0.16	1	0.32	0.8	
Dendritic cells activated	-0.3	-0.39	0.06	0.03	0.06	-0.19	-0.14	0.11	0	-0.13	0.03	-0.19	0.08	-0.26	0.03	0.05	0.11	-0.03	0.07	0.32	1	1	

Figure S2. Correlation among the 22 specific immune cell percentages in ovarian cancer. Blue represents negative correlation, while red represents positive correlation.